

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030277.D
 Acq On : 21 Mar 2023 14:59
 Operator : SY/MD
 Sample : 01996-09DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A30DL

Quant Time: Mar 22 06:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

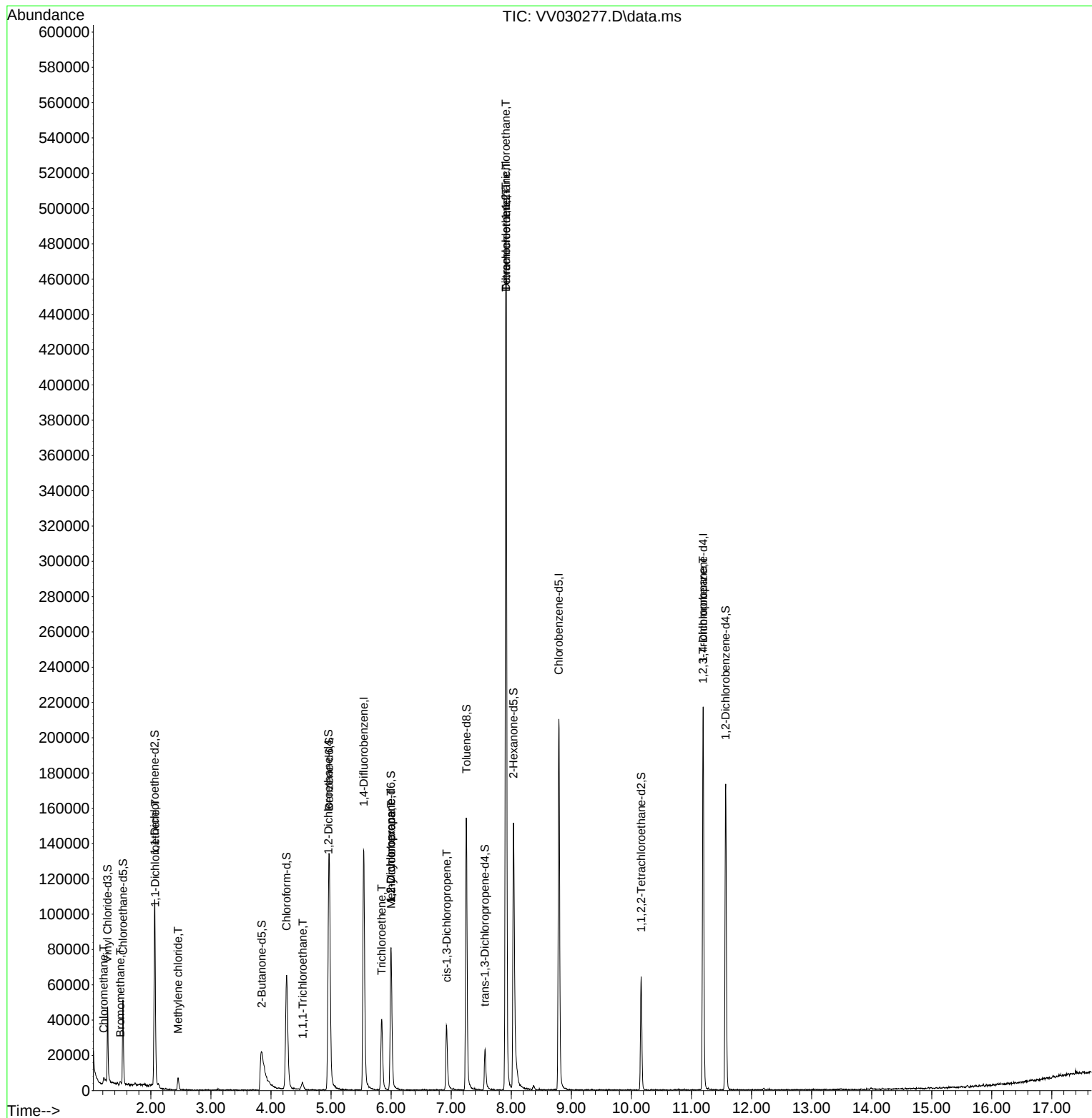
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	119450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	115420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27790	3.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.536	69	28435	3.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.063	63	52134	3.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.847	46	68754	48.248	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.500%
24) Chloroform-d	4.259	84	69652	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.957	65	35405	5.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.970	84	118132	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.998	67	35656	3.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.252	98	104379	3.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.561	79	13540	4.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.037	63	60704	45.902	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.800%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28515	4.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	44748	4.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2406	0.157	ug/L #	77
6) Bromomethane	1.491	94	206	0.113	ug/L	96
12) 1,1-Dichloroethene	2.073	96	6834	0.853	ug/L #	1
16) Methylene chloride	2.455	84	2515	0.257	ug/L	84
29) 1,1,1-Trichloroethane	4.529	97	3565	0.263	ug/L	91
34) Trichloroethene	5.844	95	14655	1.659	ug/L	92
35) Methylcyclohexane	6.002	83	9836	0.736	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	4872	0.608	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1165	0.099	ug/L #	30
45) 1,1,2-Trichloroethane	7.908	97	1074	0.187	ug/L #	30
47) Tetrachloroethene	7.912	164	112059	14.780	ug/L	99
49) Dibromochloromethane	7.912	129	97847	14.572	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	6093	1.543	ug/L #	59

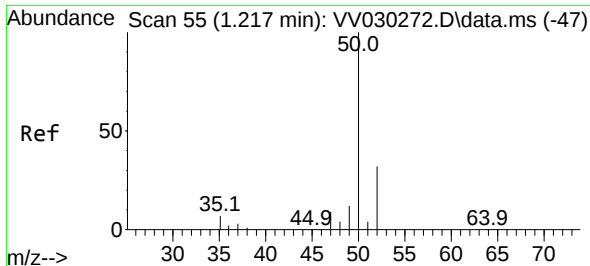
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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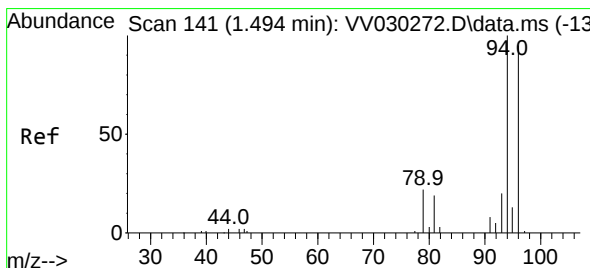
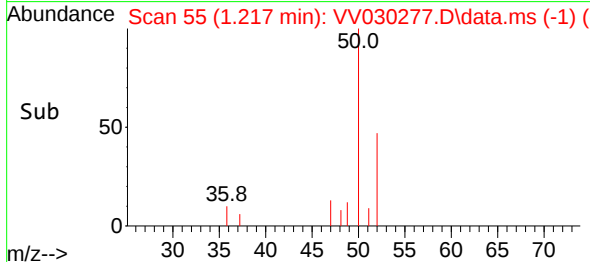
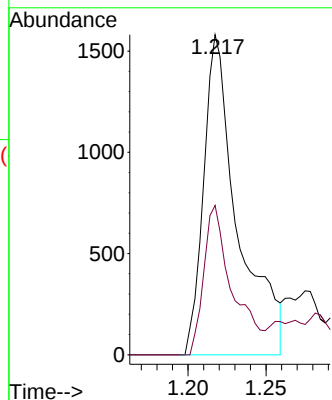
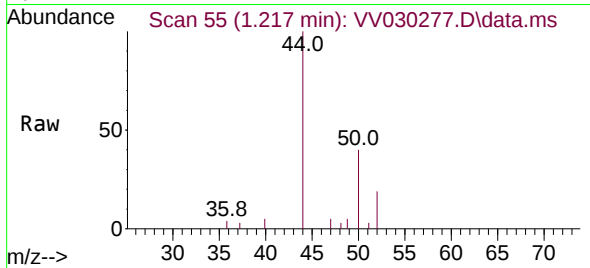




#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030277.D
Acq: 21 Mar 2023 14:59

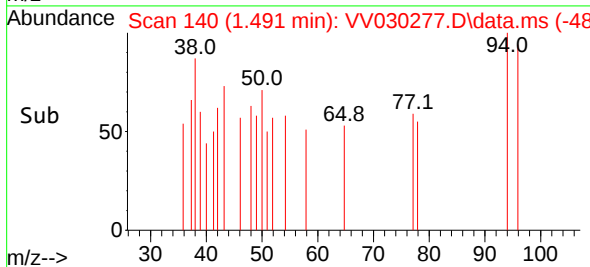
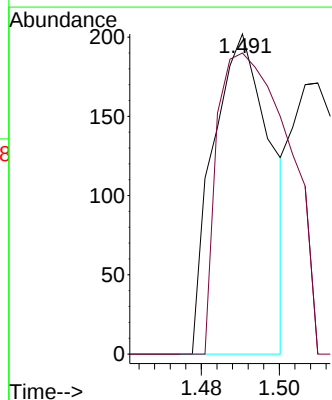
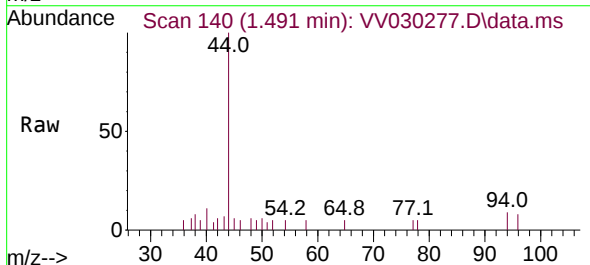
Instrument :
MSVOA_V
ClientSampleId :
H0A30DL

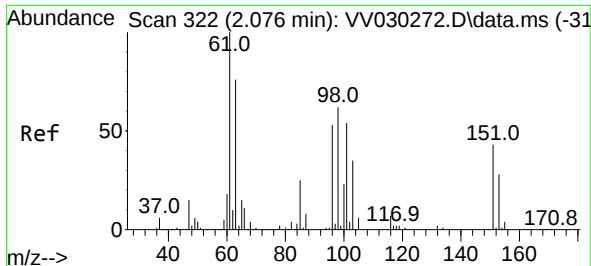
Tgt Ion: 50 Resp: 2406
Ion Ratio Lower Upper
50 100
52 46.7 23.6 43.8#



#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.491 min Scan# 140
Delta R.T. -0.003 min
Lab File: VV030277.D
Acq: 21 Mar 2023 14:59

Tgt Ion: 94 Resp: 206
Ion Ratio Lower Upper
94 100
96 94.1 68.4 127.0





#12

1,1-Dichloroethene

Concen: 0.853 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

H0A30DL

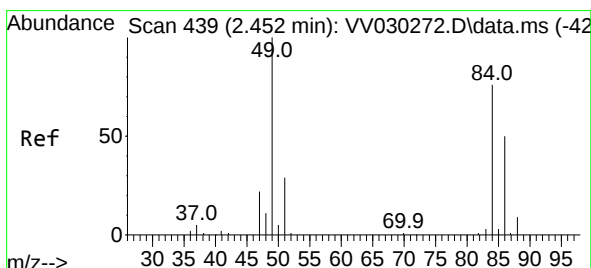
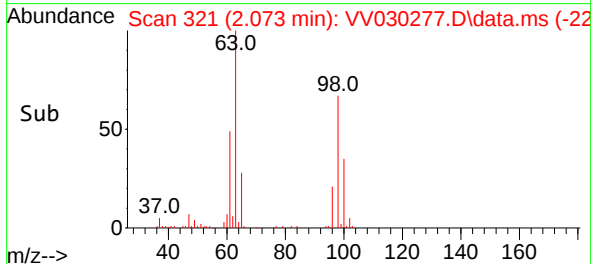
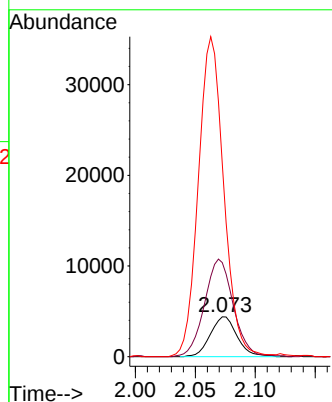
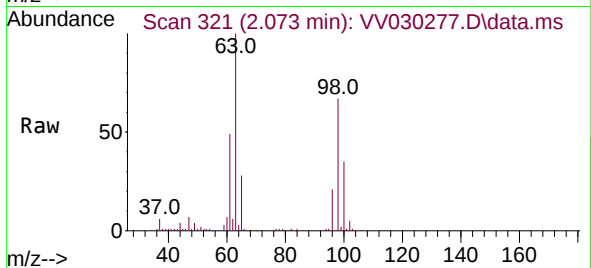
Tgt Ion: 96 Resp: 6834

Ion Ratio Lower Upper

96 100

61 236.4 115.6 214.6#

63 485.1 85.6 159.0#



#16

Methylene chloride

Concen: 0.257 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

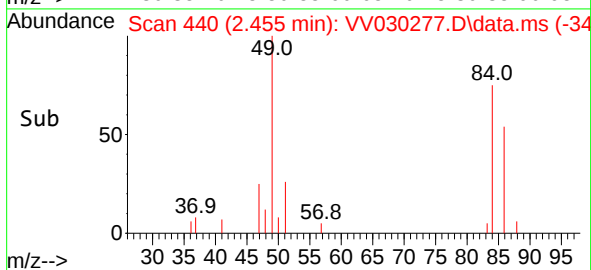
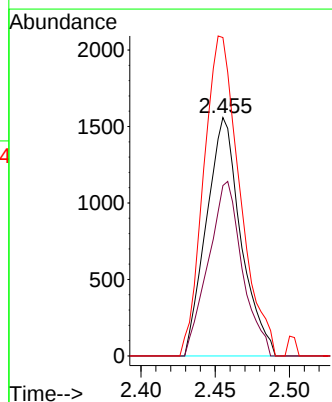
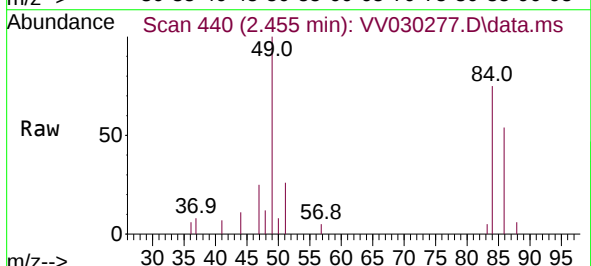
Tgt Ion: 84 Resp: 2515

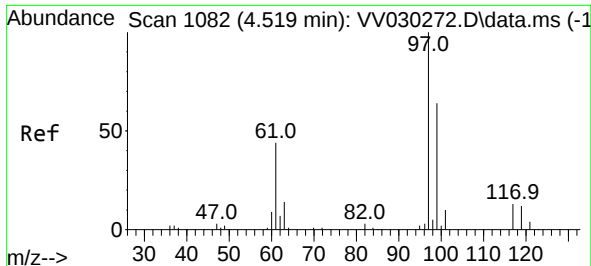
Ion Ratio Lower Upper

84 100

86 71.5 44.7 83.1

49 133.6 78.8 146.3





#29

1,1,1-Trichloroethane

Concen: 0.263 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

H0A30DL

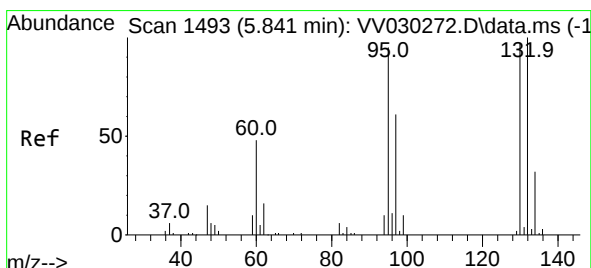
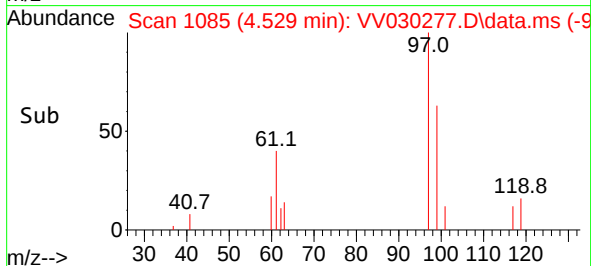
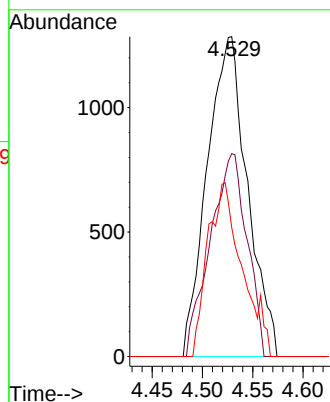
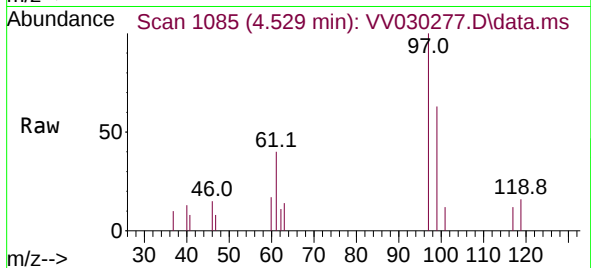
Tgt Ion: 97 Resp: 3565

Ion Ratio Lower Upper

97 100

99 58.0 51.3 76.9

61 46.5 31.5 47.3



#34

Trichloroethene

Concen: 1.659 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Tgt Ion: 95 Resp: 14655

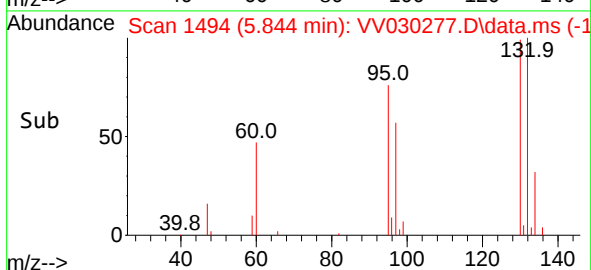
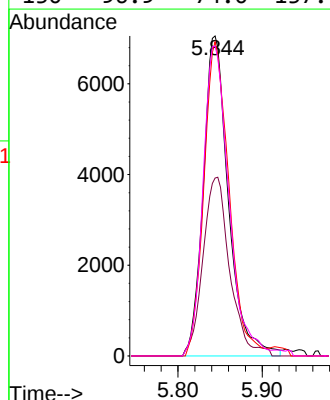
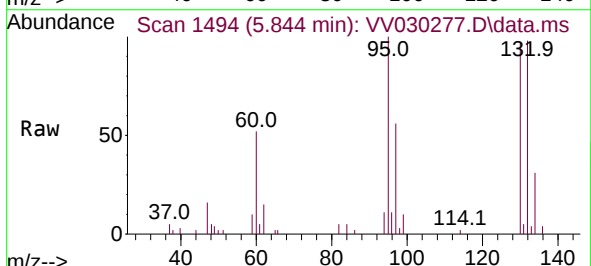
Ion Ratio Lower Upper

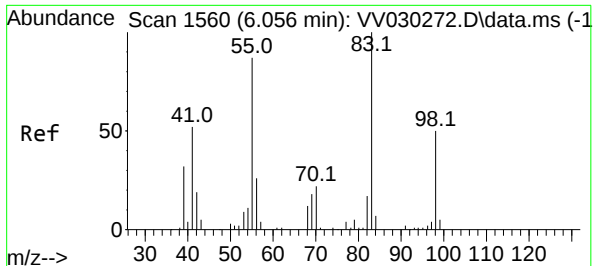
95 100

97 55.6 46.5 86.5

132 98.2 71.7 133.3

130 96.9 74.0 137.4

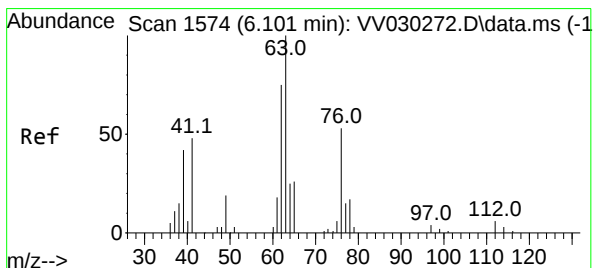
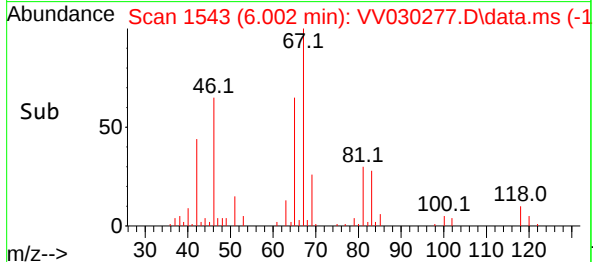
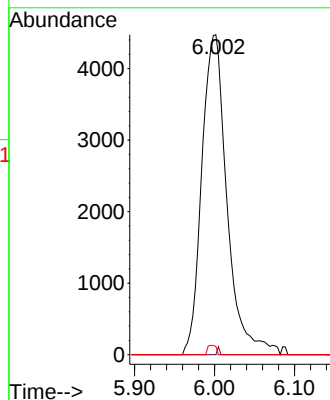
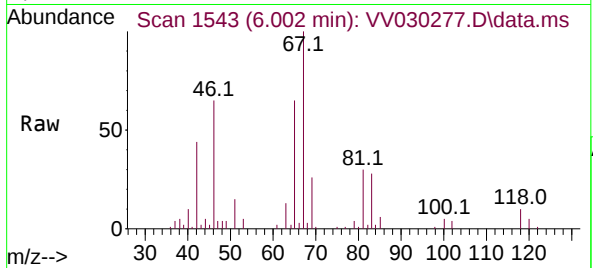




#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.002 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV030277.D
Acq: 21 Mar 2023 14:59

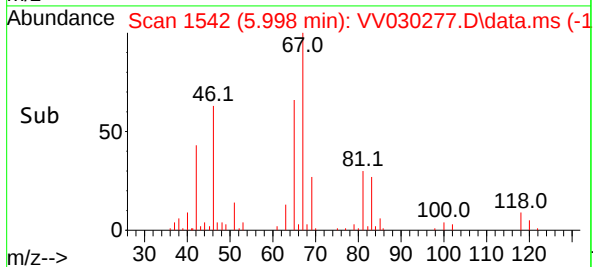
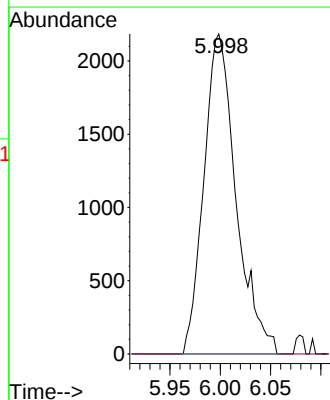
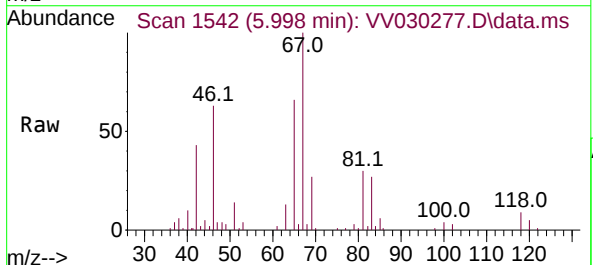
Instrument :
MSVOA_V
ClientSampleId :
H0A30DL

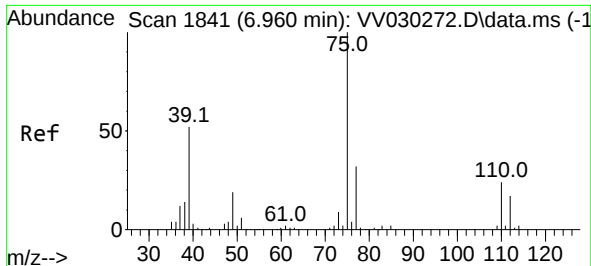
Tgt Ion: 83 Resp: 9836
Ion Ratio Lower Upper
83 100
55 0.2 57.6 86.4#
98 1.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030277.D
Acq: 21 Mar 2023 14:59

Tgt Ion: 63 Resp: 4872
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.924 min Scan# 1165

Delta R.T. -0.035 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

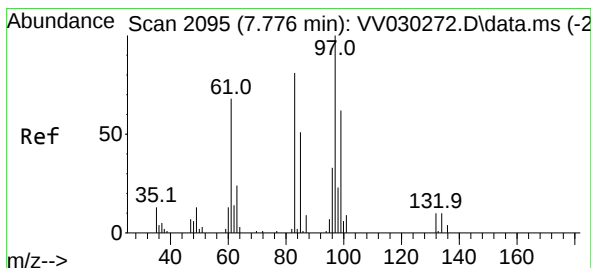
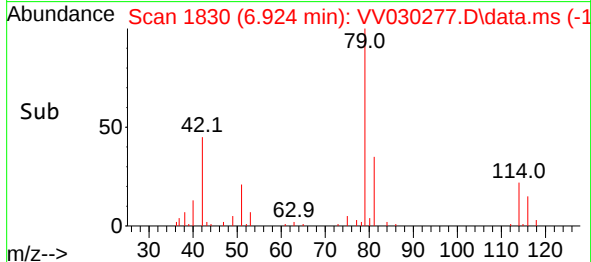
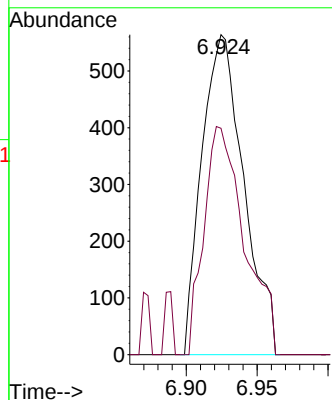
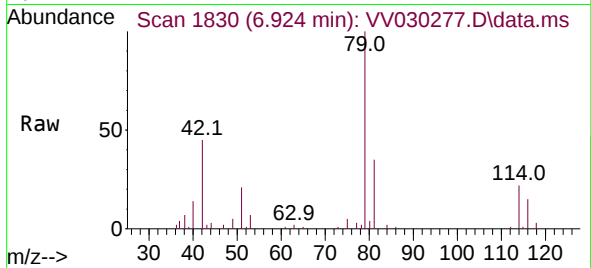
H0A30DL

Tgt Ion: 75 Resp: 1165

Ion Ratio Lower Upper

75 100

77 70.7 22.3 41.3#



#45

1,1,2-Trichloroethane

Concen: 0.187 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.132 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Tgt Ion: 97 Resp: 1074

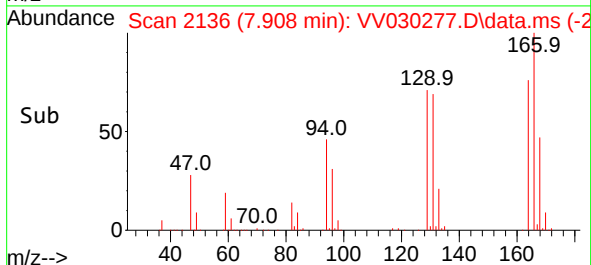
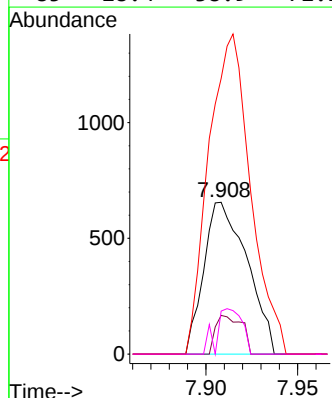
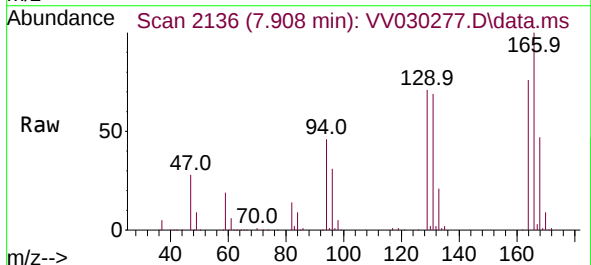
Ion Ratio Lower Upper

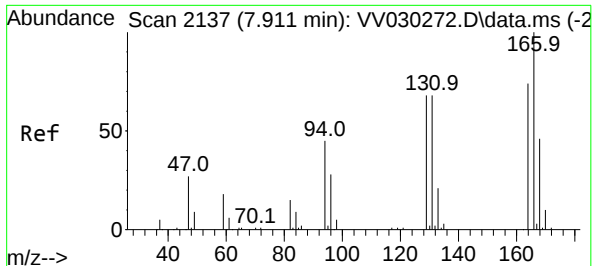
97 100

99 25.5 42.6 79.2#

83 181.6 57.7 107.3#

85 28.4 38.9 72.2#





#47

Tetrachloroethene

Concen: 14.780 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

H0A30DL

Tgt Ion:164 Resp: 112059

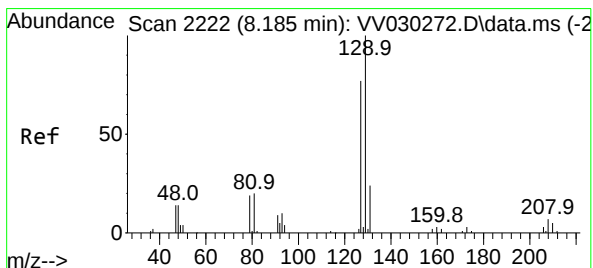
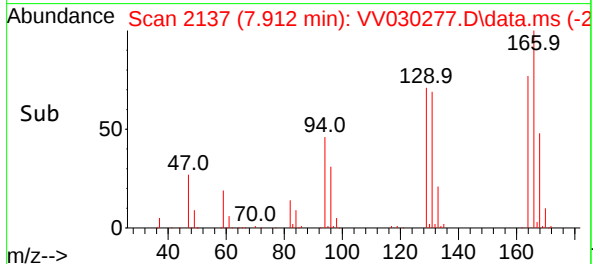
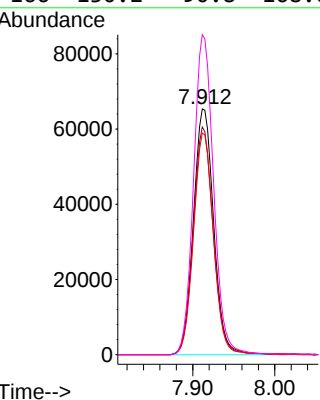
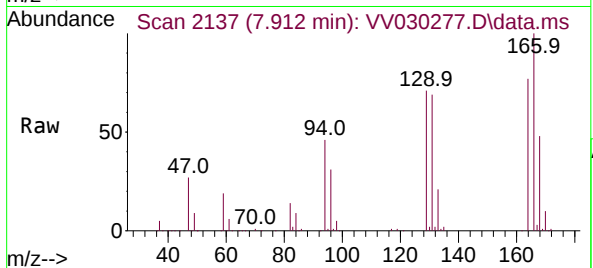
Ion Ratio Lower Upper

164 100

129 92.7 63.6 118.2

131 90.2 61.7 114.7

166 130.2 90.8 168.6



#49

Dibromochloromethane

Concen: 14.572 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030277.D

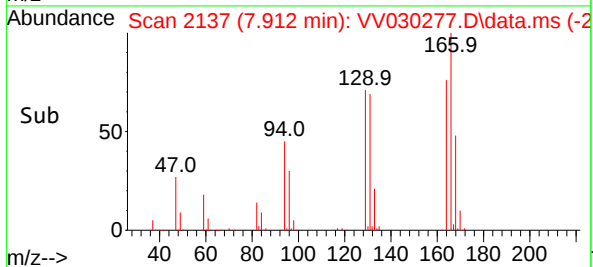
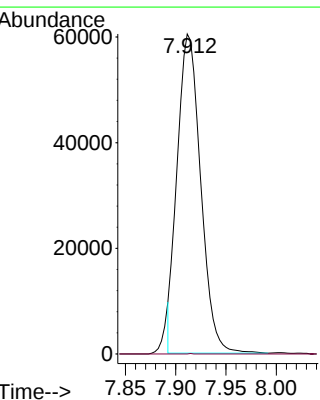
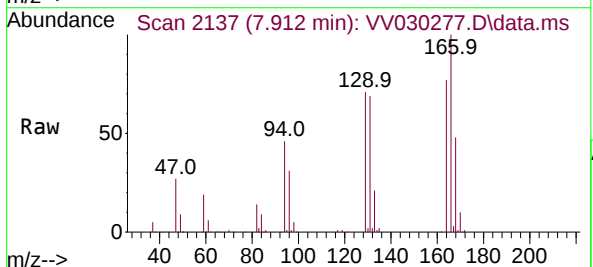
Acq: 21 Mar 2023 14:59

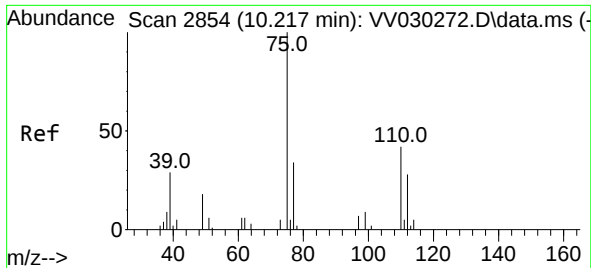
Tgt Ion:129 Resp: 97847

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.543 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030277.D
 Acq: 21 Mar 2023 14:59

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A30DL

Tgt Ion: 75 Resp: 6093
 Ion Ratio Lower Upper
 75 100
 77 42.3 26.5 39.7#
 110 2.2 31.8 47.6#

